

INSTRUCTIONS

HL120/HL200/HL300/HL400 LEGACY™ MIXER BOWL SCRAPER ATTACHMENT



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Installation, Operation, Use and Care of Mixer Bowl Scraper Attachment For HL120/HL200/HL300/HL400 Legacy™ Mixer

SAVE THESE INSTRUCTIONS

GENERAL

The mixer bowl scraper attachment continually scrapes the sides of the bowl as the agitator turns. Material around the side and bottom of the bowl is constantly reintroduced into the mixture. Manual scraping is not needed when using the bowl scraper. The bowl scraper is used when mixing batters or creaming. **The bowl scraper is not used when mixing dough products. The bowl scraper is used only with stainless steel bowls.**

INSTALLATION

UNPACKING

Immediately after unpacking, check for possible shipping damage. If any parts are found to be damaged, save the packaging material and contact the carrier within 15 days of delivery.

ASSEMBLY OF BOWL SCRAPER ONTO ARM (Figures 1 through 3)

1. Slide urethane scraper onto arm; use a little water as a lubricant to make the scraper slide on easier. Leading edge of scraper will turn clockwise as you look down into bowl (Fig. 1).
2. If necessary, tap the end of the urethane scraper on a flat surface to push scraper firmly onto the arm (Fig. 2). Make sure sleeve is positioned on arm as shown in Fig. 3.



Fig. 1



Fig. 2

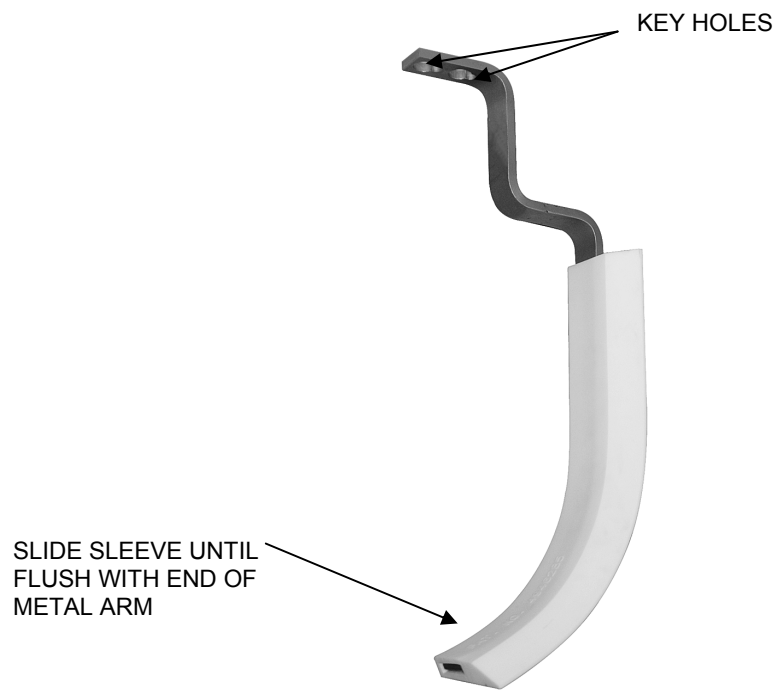


Fig. 3

NOTE: Always use proper size sleeve with scraper arms. Be careful not to mix sleeves and arms if you have multiple sizes of scrapers.

OPERATION

WARNING: MOVING BEATER AND SCRAPER IN BOWL. KEEP HANDS, CLOTHING AND UTENSILS OUT WHILE IN OPERATION.

Lubricate bowl surface with vegetable oil or shortening if needed, especially in the area above the product where the sleeve might rub against the bare surface of the bowl. The bowl scraper rotates clockwise as you look down into the bowl. Use speeds one and two only. Do not use Bowl Scraper with splash cover or extension ring.

Products which can be mixed while using the bowl scraper are: Mashed Potatoes, Waffle/Hot Cake Batter, Cake Batter, Sugar Cookies, Icing, Creaming Shortening/Sugar, Creaming Eggs/Sugar and Mayonnaise.

Bowl scraper must be used with wire whip or flat beater agitators only. Stainless steel bowls must be used.

TO INSTALL BOWL SCRAPER

1. Place bowl in the locked position and close the Wire Cage.
2. Run the mixer to bring the Planetary in position as shown in Fig. 4.
3. Lower the bowl.
4. Rotate Wire Cage to rear.
5. Unseat bowl from pin and pivot bowl out (Fig. 5).

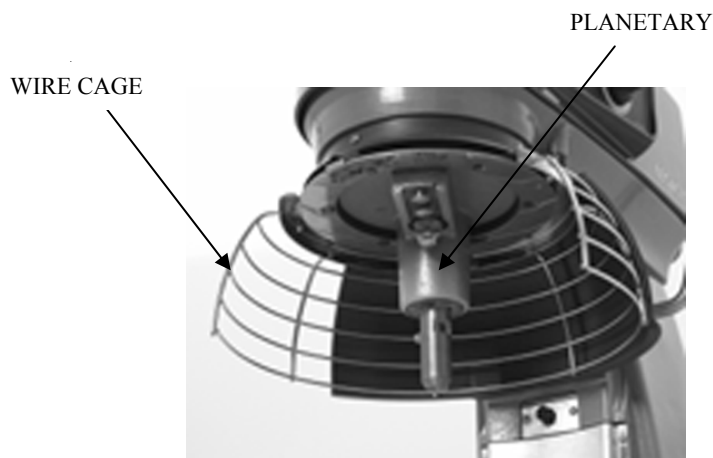


Fig. 4

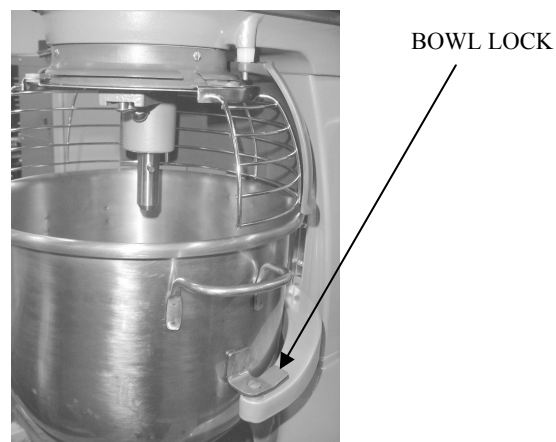


Fig. 5

6. Raise scraper arm vertically to bottom of Planetary aligning the key hole slots over the round head screws on the Planetary (Fig. 6). Slide scraper arm toward the center of the bowl. (Fig. 7)

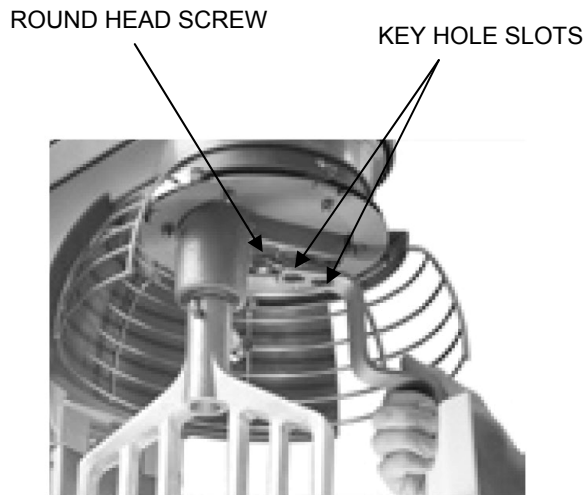


Fig. 6



Fig. 7

7. Pivot bowl back to the locked position.
8. Return Wire Cage to front-center position.
9. Raise bowl to operating position. Run mixer normally.

NOTICE: The agitator cannot be run until bowl is in full up position. Therefore, stiff products will need to be added AFTER bowl scraper is in position and bowl is in up position. (Fig 8.)

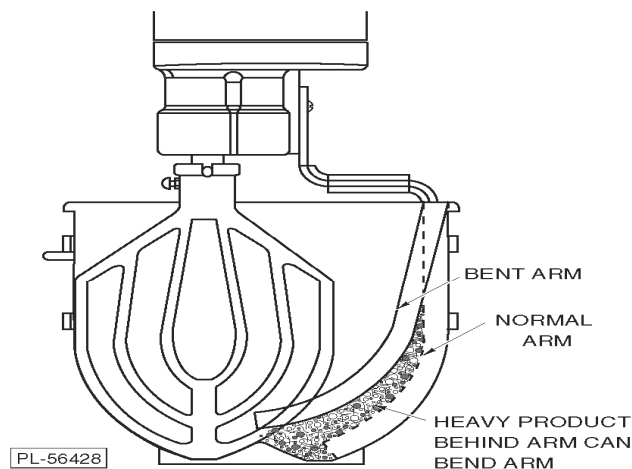


Fig.8

TO REMOVE BOWL SCRAPER

1. Run the mixer to bring the Planetary in position as shown in Fig. 4.
2. Lower the bowl.
3. Open the Wire Cage.
4. Remove beater (if attached) by pulling the plunger as shown in Fig. 9.
5. Disengage bowl lock and pivot bowl out slightly (Fig. 5).
6. Slide the scraper arm away from the center of the bowl, then lift it off the round head screws.



Fig. 9

CLEANING

- Remove the urethane sleeve from the arm; tapping the sleeve against a table will aid removal (Fig. 10).
- Clean both parts in a sink with warm water and detergent solution.
- Do not wash urethane sleeve in a dishwasher or use water above 110°F (43°C). Rinse with clear water and air dry.
- DO NOT use harsh chemicals (i.e., bleach) to clean the sleeve, as this will degrade the urethane.
- Slide sleeve onto arm so bevel is the leading edge; use a little water as a lubricant. Refer to Fig. 3 for proper sleeve position. Be sure top of arm is clean before reassembly onto Planetary.



Fig. 10

MAINTENANCE

To maintain ease of installing and removing scraper arm, clean area around planetary where scraper arm mounts.

TROUBLESHOOTING

Symptom	Remedy
Scraper grabbing bowl.	Lubricate bowl surface with vegetable oil or shortening.
Bevel edge not leading.	Remove arm and reinstall urethane scraper.
Beater/Bowl clearance excessive.	Hobart Service can adjust the Beater/Bowl clearance so the scraper fits the side of the bowl.

SERVICE AND PART INFORMATION

Contact your local authorized Hobart Service agency.

NOTES